

CLAIMS

I claim:

- 250 1. A hole alignment gauge for model cars guiding a drill bit into axle holes,
comprising:
a body having a generally rectangular shape, two mutually parallel ends parallel to
the lateral axis of said body, and two mutually parallel sides parallel to the
longitudinal axis of said body;
255 a pair of projections having a generally rectangular shape extending coplanar with
each of said ends perpendicular to the longitudinal axis of said body, a
length less than half that of said body, said projections form a U shape, and
a means to align; and,
a passage bounded by said projections having a generally rectangular shape
260 whereby, a model car fits snugly within said passage, a drill bit enters said
aligning means and said model car, and said drill bit reams an axle hole in
said model car.
2. The gauge of claim 1 wherein said projections have one or more markings parallel
to the longitudinal axis of said body and to said aligning means, said markings are
265 visible to position said axle hole with said aligning means.
3. The gauge of claim 2 wherein said markings are grooves.
4. The gauge of claim 3 wherein said markings are located upon said projection and
opposite said side of said body.
5. The gauge of claim 2 further comprising said aligning means having one or more
270 holes matching and generally centered in each of said projections and parallel to
the longitudinal axis of said body, and said holes are located away from the center
of said body to match existing axle holes in said model car.
6. The gauge of claim 1 wherein said gauge is made of aluminum.
7. A hole alignment gauge for model cars, comprising:
275 two jaws, each of said jaws having a generally rectangular shape, two mutually
parallel ends parallel to the lateral axis of said jaw, and two mutually
parallel sides parallel to the longitudinal axis of said jaw, a projection

280 having a generally rectangular shape extending coplanar with each of said
ends perpendicular to the longitudinal axis of said body, a length less than
half that of said jaw, and a means to align;
a means to adjustably connect said jaws whereby, said projections are opposite
each other; and,
a passage bounded by said projections having a generally rectangular shape
whereby, a model car fits within said passage, said jaws close upon said
285 model car, a drill bit enters said aligning means and said model car, and said
drill bit reams an axle hole in said model car.

8. The gauge of claim 7 further comprising said aligning means having one or more
holes matching and generally centered in each of said projections and parallel to
the longitudinal axis of said gauge, and said holes are located away from the center
290 of said jaw to match said axle holes in said model car.

9. The gauge of claim 8 wherein said projections have one or more markings parallel
to the longitudinal axis of said jaw and to said aligning means, said markings are
visible to position said axle hole with said aligning means.

10. The gauge of claim 9 wherein said markings are grooves.

295 11. The gauge of claim 10 wherein said markings are located upon said projection and
opposite said side of said jaw.

12. The gauge of claim 7 further comprising:
said connecting means having a threaded rod with a head and a wing nut opposite
said head;
300 said threaded rod passes through holes in said jaws parallel to the longitudinal axis
of said gauge;
whereby, said connecting means permits said jaws to fit model cars of various
widths.

13. The gauge of claim 11 wherein said threaded rod urges said jaws towards each
305 other and against said model car.

14. A method of aligning axle holes in model cars, the steps comprising:
1) placing a gauge upon said model car; and,

- 310
- 2) locating said gauge proximate to an axle hole of said model car; and,
 - 3) positioning markings of the projections of said gauge at said axle hole; and,
 - 4) inserting a drill bit through a hole in said projection, into said axle hole, and into a hole in an opposite projection, thereby aligning said axle hole.
15. The method of aligning axle holes in claim 19 further comprising:
- 315
- 1) locating two jaws of said gauge opposite one another proximate to an axle hole of said model car; and,
 - 2) closing said jaws towards each other and upon said model car.